

RAW SEQUENCE LISTING

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Application Serial Number: 10/519,678
Source: P4/10
Date Processed by STIC: 12/8/05

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PCT

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DATE: 12/08/2005

PATENT APPLICATION: US/10/519,678

TIME: 08:25:48

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\12082005\J519678.raw

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5 <110> APPLICANT: FUJIMURA, TAKAO
6     MORI, HIROAKI
7     YOSHIKAWA, KATSUHIKO
8     TAKATA, YOKO
9     ARAMORI, ICHIRO
10    MATSUOKA, HIDEAKI
11    UNAMI, AKIRA
12    NOTO, TAKAHISA
14 <120> TITLE OF INVENTION: Novel method of selecting immunosuppressant having little
15     thrombocytopenic effect
17 <130> FILE REFERENCE: 264163US0PCT
19 <140> CURRENT APPLICATION NUMBER: 10/519,678
20 <141> CURRENT FILING DATE: 2005-01-07
22 <150> PRIOR APPLICATION NUMBER: PCT/JP03/08621
23 <151> PRIOR FILING DATE: 2003-07-07
25 <150> PRIOR APPLICATION NUMBER: JP 2002-203901
26 <151> PRIOR FILING DATE: 2002-07-12
28 <160> NUMBER OF SEQ ID NOS: 19
30 <170> SOFTWARE: PatentIn version 3.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 32
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-1
40 <400> SEQUENCE: 1
41 tcgctagcct gagtatttaa caatcgccacc ct                               32
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 30
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer- 2
52 <400> SEQUENCE: 2
53 cgaagcttgt ggcaggagtt gaggttactg                                   30
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 30
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-3
64 <400> SEQUENCE: 3
65 cgctagctgc tcttgccac cacaatatgc                                   30

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68 <210> SEQ ID NO: 4
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70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-4
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80 <210> SEQ ID NO: 5
81 <211> LENGTH: 28
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-5
88 <400> SEQUENCE: 5
89 ataagctttg gtggttgcgg agggttcg                28
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 28
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-6
100 <400> SEQUENCE: 6
101 atggtaccac cccagaagat gccaggag                28
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 28
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer- 7
112 <400> SEQUENCE: 7
113 atgctagcgc cctctgagcc tcagtttc                28
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 731
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <220> FEATURE:
122 <221> NAME/KEY: misc_feature
123 <222> LOCATION: (1)..(731)
124 <223> OTHER INFORMATION: Human interleukin-2 (IL-2) gene 5'-flanking region
127 <220> FEATURE:
128 <221> NAME/KEY: TATA_signal
129 <222> LOCATION: (652)..(657)
130 <223> OTHER INFORMATION: Corresponding to the TATA sequence
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (676)..(657)
135 <223> OTHER INFORMATION: The putative transcription initiation site of the IL-2 gene
promo
136         ter

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139 <220> FEATURE:
140 <221> NAME/KEY: misc_feature
141 <222> LOCATION: (1)..(731)
142 <223> OTHER INFORMATION: Corresponding to the sequence (689-1416) in the GenBank
database
143      (Acession: X00695), except for several variations.
146 <220> FEATURE:
147 <221> NAME/KEY: variation
148 <222> LOCATION: (38)..(731)
149 <223> OTHER INFORMATION: 1 bp insertion
152 <220> FEATURE:
153 <221> NAME/KEY: variation
154 <222> LOCATION: (196)..(731)
155 <223> OTHER INFORMATION: T to A exchange
158 <220> FEATURE:
159 <221> NAME/KEY: variation
160 <222> LOCATION: (346)..(731)
161 <223> OTHER INFORMATION: T to G exchange
164 <220> FEATURE:
165 <221> NAME/KEY: variation
166 <222> LOCATION: (577)..(731)
167 <223> OTHER INFORMATION: T to A exchange
170 <220> FEATURE:
171 <221> NAME/KEY: variation
172 <222> LOCATION: (688)..(689)
173 <223> OTHER INFORMATION: 2 bp insertion (CT)
176 <400> SEQUENCE: 8
177 ctgagtat ttt aacaatcgca cccttttaaaa aatgtacaat agacattaag agactttaaac      60
179 agatatataa tcat ttttaaa ttaaaatagc gttaaacagt acctcaagct caataagcat      120
181 ttttaagtatt ctaatccttag tatttctcta gctgacatgt aagaagcaat ctatcttatt      180
183 gtatgcaatt agctcattgt gtggataaaa aggtaaaacc attctgaaac aggaaaccaa      240
185 tacacttctt gtttaaatcaa caaatctaaa catttattct ttcatctgt ttactcttgc      300
187 tcttggtccac cacaatatgc tattcacatg ttcagtgtag ttttaggaca aagaaaattt      360
189 tctgagttac ttttgtatcc ccacccctt aaagaaagga ggaaaaactg tttcatacag      420
191 aaggcggttaa ttgcatgaat tagagctatc acctaagtgt gggctaagt aacaaagagg      480
193 gatttcacct acatccattc agtcagtctt tgggggttta aagaaattcc aaagagtcac      540
195 cagaagagga aaaatgaagg taatgttttt tcagacaggt aaagtctttg aaaatatgtg      600
197 taatatgtaa aacattttga caccgccata atatttttcc agaattaaca gtataaattg      660
199 catctcttgt tcaagagttc cctatcactc tctttaatca ctactcacag taacctcaac      720
201 tcctgccaca a                                     731
204 <210> SEQ ID NO: 9
205 <211> LENGTH: 819
206 <212> TYPE: DNA
207 <213> ORGANISM: Homo sapiens
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <222> LOCATION: (1)..(819)
212 <223> OTHER INFORMATION: Human GATA- 1 gene promoter region
215 <220> FEATURE:
216 <221> NAME/KEY: misc_feature

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217 <222> LOCATION: (1)..(819)
218 <223> OTHER INFORMATION: Corresponding to the sequence (5342-6160) reported by K.
Blechsc
219      hmidt et al. / GenBank (Accession: AF196971)
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <222> LOCATION: (790)..(819)
225 <223> OTHER INFORMATION: The putative transcription initiation site of the GATA-1
gene pro
226      moter
229 <400> SEQUENCE: 9
230 atccctgget cccacctcag tttcccgctt ccaaggcagc atggcgggca agaagttgag      60
232 gccactgtcc ctgggtgttc ctacccccac accctcaccc caagacagcc tggtactgag      120
234 gcgccaacag ccacggctgc ctacatctga taagacttat ctgctgcccc agggcaggcc      180
236 ggagctggcg taagccccag tggggcgcta agtgagtgtg cccctgcctc ccgccagcac      240
238 tggcctggcg tgcaggctta gcctgggtca tcaagggtat ccacaggctc tagttcaaat      300
240 ccagcagaac ctctctgagc ctcaactctt tcacctgcaa aatgggtaca gccacatccc      360
242 ttctctccct gcagccagga agacgcacat acacaggagt ctagcccaca ccggccccgc      420
244 acaaattaag ggctttactc tctgaaaagc ccagtgaagt catgaaacca tatctgctat      480
246 tttcatttat cttggtttca gcctattttg cttgtctgga cactacagtc cacgggagcc      540
248 taggtcgagc gaggtccaag aatccccagg gtgggcaggg aggggtggaag agggcctcca      600
250 gtgcccaga ggtgccccac aagcatggga cccgccccct cccctggact gccccacca      660
252 ctggggcacc agccactccc tggggaggag ggaggaggga gaaggaggag agggaggagg      720
254 ggagggaagg agcctcaaa gccaaggcca gccaggacac cccctgggat cacttgagc      780
256 ttgccacatc cccaaggcgg ccgaaccctc cgcaaccac      819
259 <210> SEQ ID NO: 10
260 <211> LENGTH: 637
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <220> FEATURE:
265 <221> NAME/KEY: misc_feature
266 <222> LOCATION: (1)..(637)
267 <223> OTHER INFORMATION: Human GATA- 1 gene enhancer region
270 <220> FEATURE:
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (1)..(637)
273 <223> OTHER INFORMATION: Corresponding to the sequence (2362-2998) reported by K.
Blechs
274      chmidt et al. / GenBank (Accession: AF196971)
277 <400> SEQUENCE: 10
278 accccagaag atgccaggag ggagtgagcc agtcaggga ggcttccgag aagagaggac      60
280 attgaagaag agtctcaaac ttaggcctga cggagaagac gcgcggccag gacacccccac      120
282 ccccgccctc gtctccccca aagcctgata tggccccact gattccctta tctgccact      180
284 ccagctgcc tccttgctgg ctgaactgtc gccgcagact tctgagcctg cgcgccctcc      240
286 acggggatgg gggagggaat ggggtgaggc ctggcctcac agcctcgggg ttccagctc      300
288 ttgctggagg cagggtctct gggcgcccta ctctcacc ttggttctc ttctgagcg      360
290 ctctgtgtc tccagaaatg aagaaatggg gtgagtcag cggccaaacc cttgtcttag      420
292 ctcttagaca tgcctcgagc ctgccattcc ctgtgaggac agatttcctt atgttgcgac      480
294 cgctgcttct aataataata atgatgatga taattcccat ttacagagca caccatttat      540
296 ggtgtgccag caggccctgt gctgagtggg tctaccacac gtggggggct aggactttac      600
298 cgtttttcca gatgaagaaa ctgaggctca gagggcg      637
301 <210> SEQ ID NO: 11

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302 <211> LENGTH: 434
303 <212> TYPE: DNA
304 <213> ORGANISM: Homo sapiens
306 <220> FEATURE:
307 <221> NAME/KEY: misc_feature
308 <222> LOCATION: (1)..(434)
309 <223> OTHER INFORMATION: Human interleukin-2 (IL-2) gene 5'-flanking region
312 <220> FEATURE:
313 <221> NAME/KEY: TATA_signal
314 <222> LOCATION: (355)..(360)
315 <223> OTHER INFORMATION: Corresponding to the TATA sequence
317 <220> FEATURE:
318 <221> NAME/KEY: misc_feature
319 <222> LOCATION: (379)..(360)
320 <223> OTHER INFORMATION: The putative transcription initiation site of the IL-2 gene
promo
321      ter
324 <220> FEATURE:
325 <221> NAME/KEY: misc_feature
326 <222> LOCATION: (1)..(434)
327 <223> OTHER INFORMATION: Corresponding to the sequence (+985 to +1416 ) in the
GenBank dat
328      abase (Acession: X00695), except for several variations.
331 <220> FEATURE:
332 <221> NAME/KEY: variation
333 <222> LOCATION: (49)..(434)
334 <223> OTHER INFORMATION: T to G exchange
337 <220> FEATURE:
338 <221> NAME/KEY: variation
339 <222> LOCATION: (280)..(434)
340 <223> OTHER INFORMATION: T to A exchange
343 <220> FEATURE:
344 <221> NAME/KEY: variation
345 <222> LOCATION: (391)..(392)
346 <223> OTHER INFORMATION: 2 bp insertion (CT)
349 <400> SEQUENCE: 11
350 tgctcttgtc caccacaata tgctattcac atgttcagtg tagttttagg acaaagaaaa      60
352 ttttctgagt tacttttgta tccccacccc cttaaagaaa ggaggaaaaa ctgtttcata      120
354 cagaaggcgt taattgcatg aattagagct atcacctaag tgtgggctaa tgtaacaaag      180
356 agggatttca cctacatcca ttcagtcagt ctttgggggt ttaaagaaat tccaaagagt      240
358 catcagaaga ggaaaaatga aggtaatggt ttttcagaca ggtaaagtct ttgaaaatat      300
360 gtgtaatatg taaaacattt tgacaccccc ataatatatt tccagaatta acagtataaa      360
362 ttgcatctct tgttcaagag ttccctatca ctctctttta tcactactca cagtaacctc      420
364 aactcctgcc acaa                                         434
367 <210> SEQ ID NO: 12
368 <211> LENGTH: 59
369 <212> TYPE: DNA
370 <213> ORGANISM: Artificial Sequence
372 <220> FEATURE:
373 <223> OTHER INFORMATION: CEBP-11, synthetic DNA
375 <400> SEQUENCE: 12

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VERIFICATION SUMMARY

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